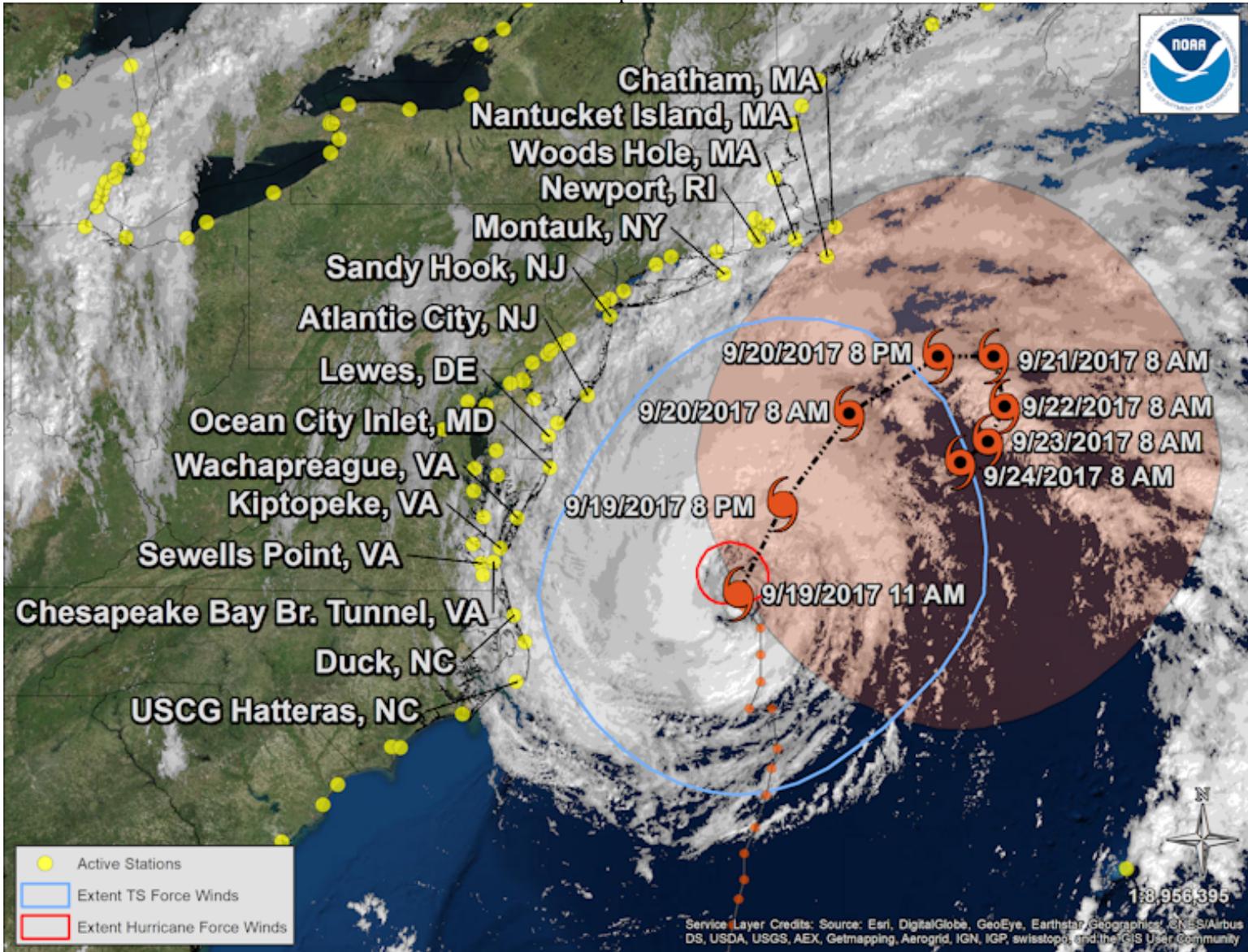




Hurricane JOSE QuickLook
Posted: 12:00 EDT 09/19/2017

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/19/2017 12:00 EDT, water levels along the Atlantic coast from northeastern North Carolina to New Jersey continue to slowly rise and generally range between 1.5 and 2.5 feet above normal tide levels. Water levels at Duck, NC reached 2.83 feet above Mean Higher High Water (MHHW) during the most recent high tide, which (if verified) would tie it for 6th highest in the station's recorded history dating back to 1988. Water levels from New York to southern New England are slightly elevated but remain less than 1 foot above tidal predictions.

Winds at Duck, NC and Chesapeake Bay Entrance, VA range from 20-35 knots with slightly higher gusts. Winds are also increasing at several other coastal stations across the mid-Atlantic from Wachapreague, VA to Sandy Hook, NJ. Barometric pressure is slowly falling across the mid-Atlantic, though it has begun to rise at Duck, NC.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please see Coastal Inundation Dashboard.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: PFF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

Hurricane Jose Advisory Number 57
NWS National Hurricane Center Miami FL AL122017
1100 AM EDT Tue Sep 19 2017

...JOSE MAINTAINING STATUS AS A CATEGORY 1 HURRICANE...
...DANGEROUS SURF AND RIP CURRENTS EXPECTED TO CONTINUE ALONG THE EAST COAST OF THE UNITED STATES FOR SEVERAL MORE DAYS...

SUMMARY OF 1100 AM EDT...1500 UTC...INFORMATION

LOCATION...36.5N 71.7W
ABOUT 230 MI...370 KM ENE OF CAPE HATTERAS NORTH CAROLINA
ABOUT 335 MI...545 KM SSW OF NANTUCKET MASSACHUSETTS
MAXIMUM SUSTAINED WINDS...75 MPH...120 KM/H
PRESENT MOVEMENT...N OR 355 DEGREES AT 7 MPH...11 KM/H
MINIMUM CENTRAL PRESSURE...976 MB...28.82 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

The Tropical Storm Watch has been discontinued from New Haven to Watch Hill.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...

- * Watch Hill to Hull
- * Block Island
- * Martha's Vineyard
- * Nantucket

A Tropical Storm Watch is in effect for...

* The coast of Long Island from Fire Island Inlet to Port Jefferson

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area within 36 hours.

A Tropical Storm Watch means that tropical storm conditions are possible within the watch area, in this case within the next 24 to 36 hours.

Interests elsewhere along the U.S. east coast from North Carolina northward to New England should monitor the progress of Jose.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK

At 1100 AM EDT (1500 UTC), the center of Hurricane Jose was located by an Air Force Reserve Hurricane Hunter aircraft near latitude 36.5 North, longitude 71.7 West. Jose is moving toward the north near 7 mph (11 km/h). This general motion is expected to continue through today with a turn to the northeast anticipated tonight. On the forecast track, the center of Jose is forecast to pass well offshore of the Delmarva peninsula later today, pass well to the east of the New Jersey coast on Wednesday, and pass offshore of southeastern Massachusetts by Thursday.

Maximum sustained winds remain near 75 mph (120 km/h) with higher gusts. Little change in strength is expected today, but Jose should begin to gradually weaken on Wednesday.

Hurricane-force winds extend outward up to 60 miles (95 km) from the center and tropical-storm-force winds extend outward up to 310 miles (500 km). NOAA Buoy 44014, located east of the Virginia-North Carolina border or about 160 miles west of the center of Jose, recently reported a sustained wind of 40 mph (65 km/h).

The minimum central pressure recently reported by the reconnaissance aircraft was 976 mb (28.82 inches).

HAZARDS AFFECTING LAND

WIND: Tropical storm conditions are expected to begin in the warning area early Wednesday. Tropical storm conditions are possible in the watch area beginning tonight.

SURF: Swells generated by Jose are affecting Bermuda, the Bahamas, and much of the U.S. east coast. These swells are likely to cause dangerous surf and rip current conditions for the next several days in these areas. For more information, please consult products from your local weather office.

RAINFALL: Jose is expected to produce total rain accumulations of 1 to 3 inches over eastern Long Island, southeast Connecticut, southern Rhode Island, and southeast Massachusetts. Rainfall amounts of 3 to 5 inches are expected for Martha's Vineyard, Nantucket and Cape Cod through Wednesday. This rainfall could cause isolated flooding.

NEXT ADVISORY

Next intermediate advisory at 200 PM EDT.

Next complete advisory at 500 PM EDT.

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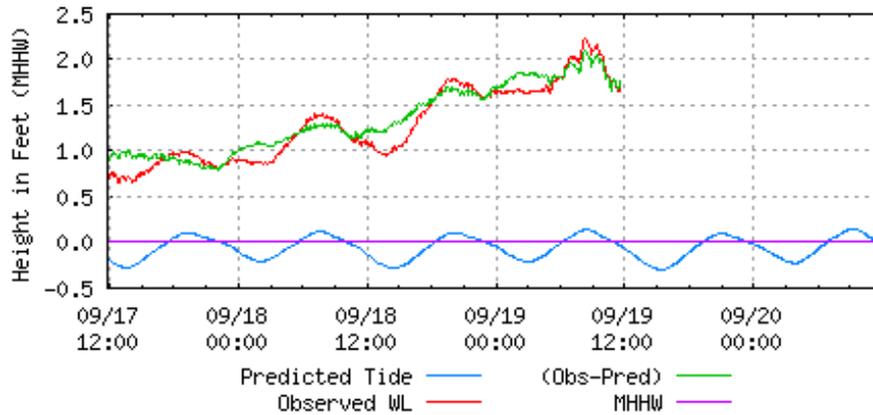
Forecaster Stewart

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [USCG Station Hatteras - Water Level](#), [USCG Station Hatteras - Winds](#), [Duck - Water Level](#), [Duck - Winds](#), [Duck - Barometric](#), [Chesapeake Bay Bridge Tunnel - Water Level](#), [Chesapeake Bay Bridge Tunnel - Winds](#), [Sewells Point - Water Level](#), [Kiptopeke - Water Level](#), [Kiptopeke - Winds](#), [Wachapreague - Water Level](#), [Wachapreague - Winds](#), [Ocean City Inlet - Water Level](#), [Ocean City Inlet - Winds](#), [Ocean City Inlet - Barometric](#), [Lewes - Water Level](#), [Lewes - Winds](#), [Lewes - Barometric](#), [Atlantic City - Water Level](#), [Sandy Hook - Water Level](#), [Sandy Hook - Winds](#), [Montauk - Water Level](#), [Montauk - Barometric](#), [Newport - Water Level](#), [Newport - Winds](#), [Newport - Barometric](#), [Nantucket Island - Water Level](#), [Nantucket Island - Winds](#), [Nantucket Island - Barometric](#), [Woods Hole - Water Level](#), [Woods Hole - Barometric](#), [Chatham - Water Level](#)

NOAA/NOS/CO-OPS 8654467 USCG Station Hatteras, NC

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 09/19/2017 11:42 (EDT). Data relative to MHHW

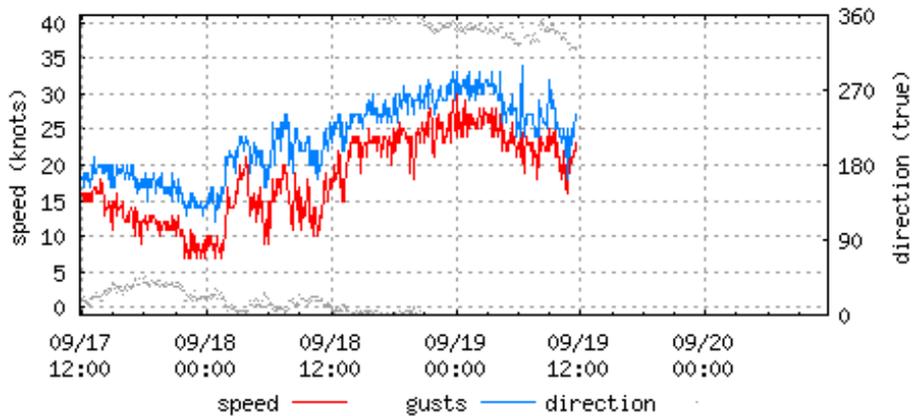
Observed: 1.77 ft. Predicted: -0.04 ft. Residual: 1.81 ft.

Historical Maximum Water Level: Oct 9 2016, 5.71 ft.

Next High Tide: 09/19/2017 21:02 (EDT), 0.10 ft.

NOAA/NOS/CO-OPS 8654467 USCG Station Hatteras, NC

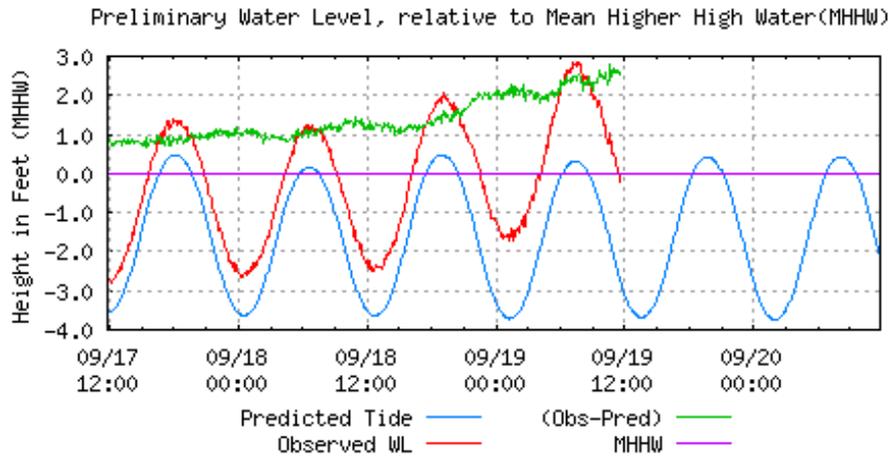
Wind Speed / Gusts / Direction



Last Observed Sample: 09/19/2017 11:42 (EDT)

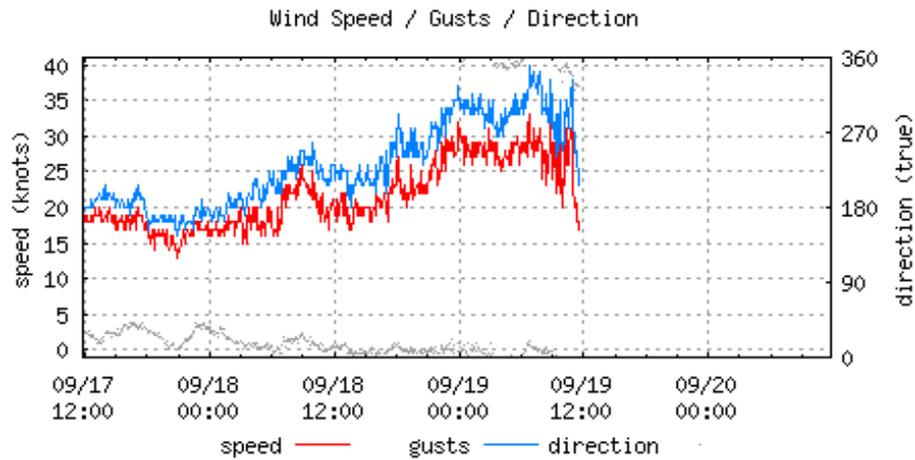
Wind Speed: 21 knots Gusts: 27 knots Direction: 322° T

NOAA/NOS/CO-OPS 8651370 Duck, NC



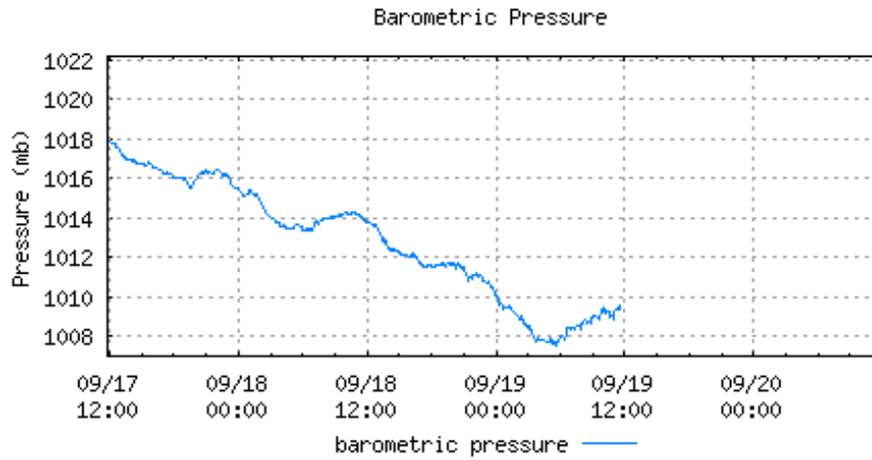
Last Observed Sample: 09/19/2017 11:42 (EDT). Data relative to MHHW
Observed: -0.32 ft. Predicted: -2.86 ft. Residual: 2.54 ft.
 Historical Maximum Water Level: Sep 18 2003, 4.13 ft.
 Next High Tide: 09/19/2017 19:42 (EDT), 0.43 ft.

NOAA/NOS/CO-OPS 8651370 Duck, NC



Last Observed Sample: 09/19/2017 11:42 (EDT)
Wind Speed: 23 knots Gusts: 34 knots Direction: 327° T

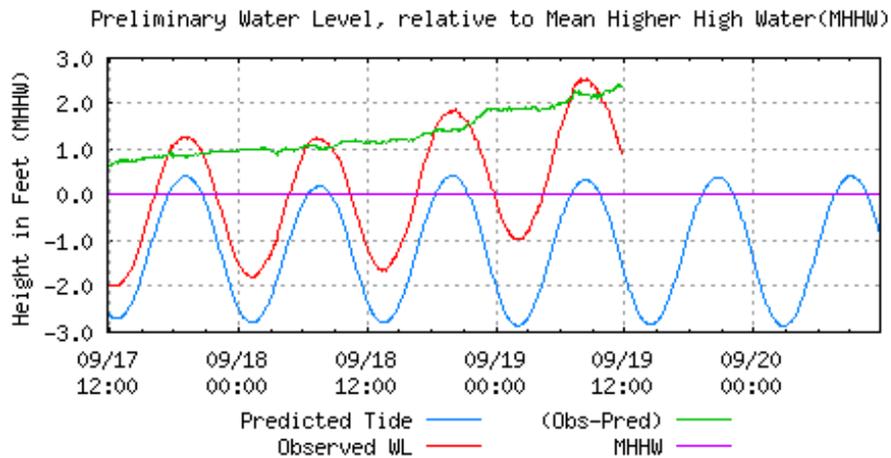
NOAA/NOS/CO-OPS 8651370 Duck, NC



Last Observed Sample: 09/19/2017 11:42 (EDT)

Barometric Pressure: 1009.4 mb

NOAA/NOS/CO-OPS 8638863 Chesapeake Bay Bridge Tunnel, VA



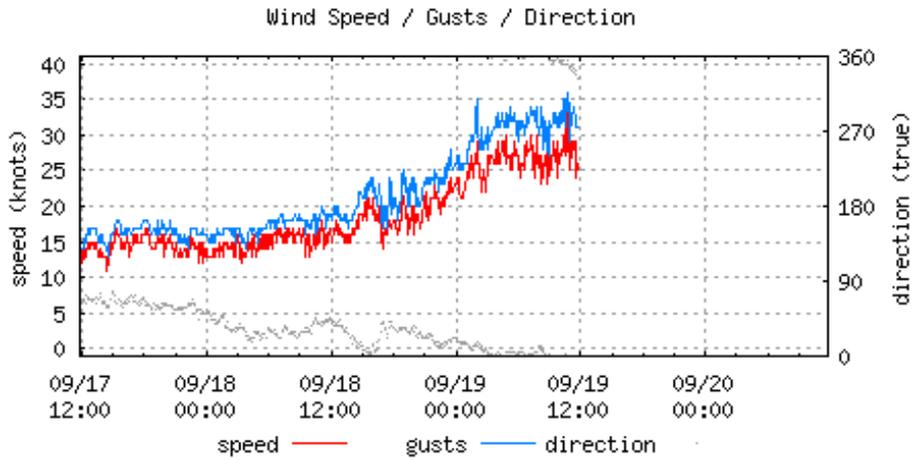
Last Observed Sample: 09/19/2017 11:48 (EDT). Data relative to MHHW

Observed: 0.83 ft. Predicted: -1.58 ft. Residual: 2.41 ft.

Historical Maximum Water Level: Nov 12 2009, 4.66 ft.

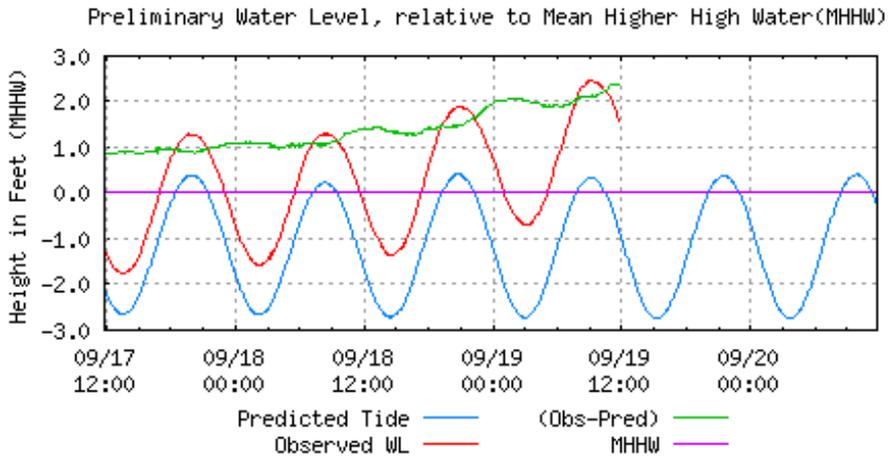
Next High Tide: 09/19/2017 20:41 (EDT), 0.39 ft.

NOAA/NOS/CO-OPS 8638863 Chesapeake Bay Bridge Tunnel, VA



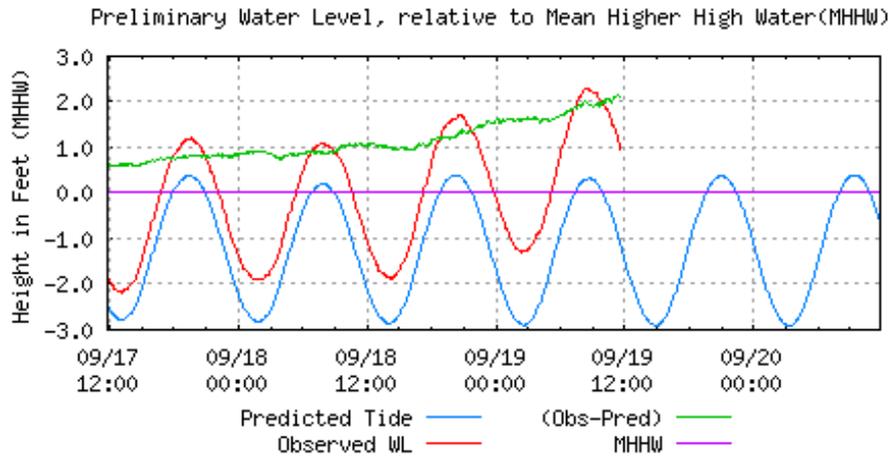
Last Observed Sample: 09/19/2017 11:48 (EDT)
Wind Speed: 25 knots **Gusts: 30 knots** **Direction: 335° T**

NOAA/NOS/CO-OPS 8638610 Sewells Point, VA



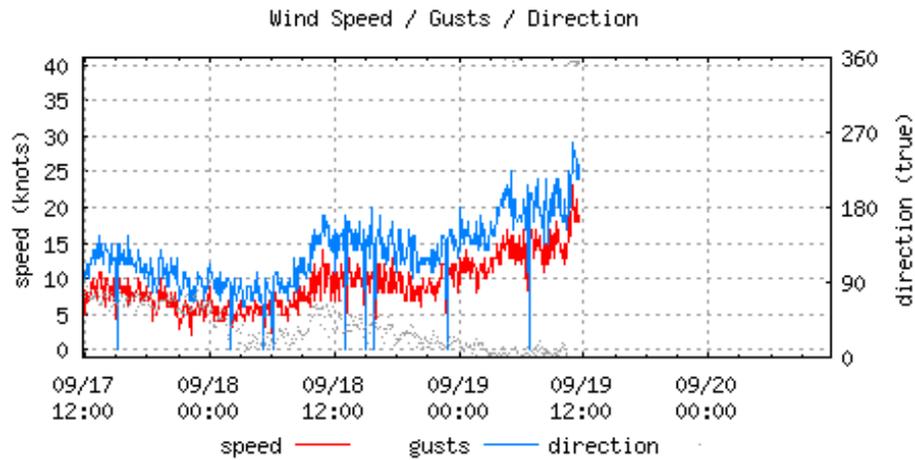
Last Observed Sample: 09/19/2017 11:42 (EDT). Data relative to MHHW
Observed: 1.59 ft. **Predicted: -0.79 ft.** **Residual: 2.38 ft.**
 Historical Maximum Water Level: Aug 23 1933, 5.26 ft.
 Next High Tide: 09/19/2017 21:31 (EDT), 0.38 ft.

NOAA/NOS/CO-OPS 8632200 Kiptopeke, VA



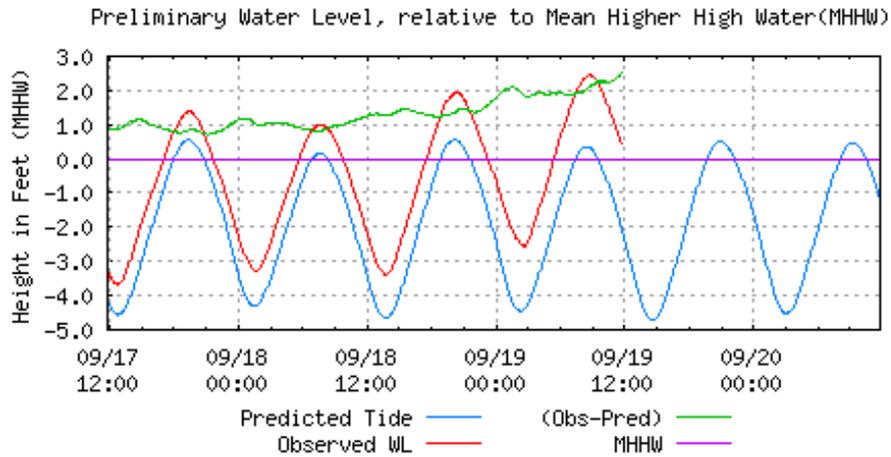
Last Observed Sample: 09/19/2017 11:42 (EDT). Data relative to MHHW
Observed: 0.88 ft. Predicted: -1.23 ft. Residual: 2.11 ft.
 Historical Maximum Water Level: Mar 8 1962, 4.13 ft.
 Next High Tide: 09/19/2017 21:01 (EDT), 0.37 ft.

NOAA/NOS/CO-OPS 8632200 Kiptopeke, VA



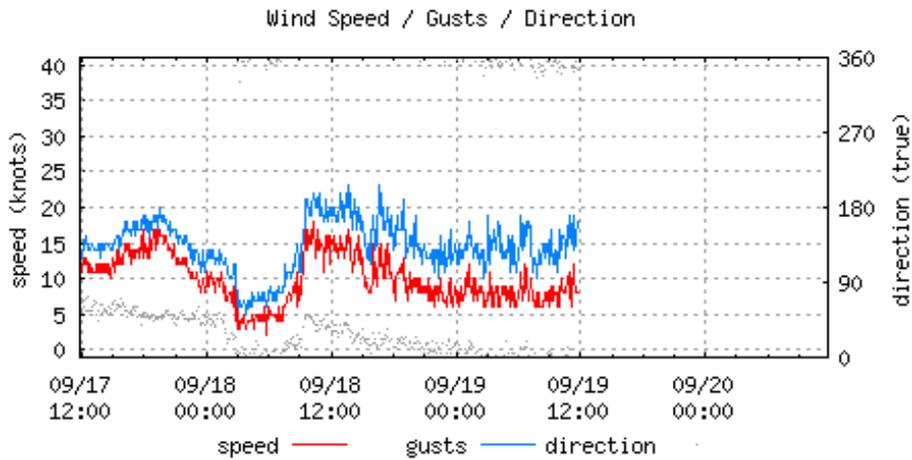
Last Observed Sample: 09/19/2017 11:42 (EDT)
Wind Speed: 22 knots Gusts: 25 knots Direction: 350° T

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



Last Observed Sample: 09/19/2017 11:42 (EDT). Data relative to MHHW
Observed: 0.47 ft. Predicted: -2.03 ft. Residual: 2.50 ft.
 Historical Maximum Water Level: Feb 5 1998, 4.41 ft.
 Next High Tide: 09/19/2017 20:54 (EDT), 0.50 ft.

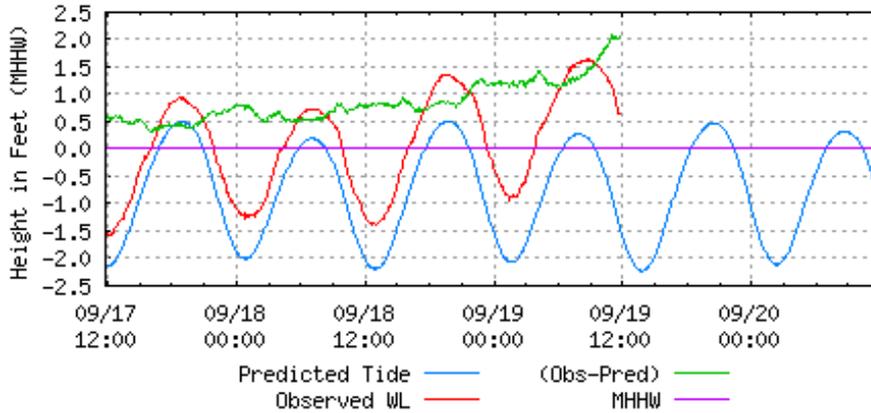
NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



Last Observed Sample: 09/19/2017 11:42 (EDT)
Wind Speed: 8 knots Gusts: 18 knots Direction: 346° T

NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD

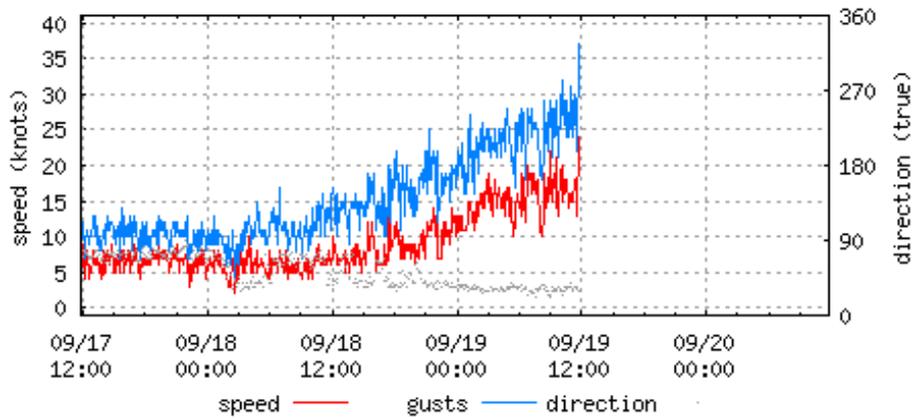
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 09/19/2017 11:42 (EDT). Data relative to MHHW
Observed: 0.64 ft. Predicted: -1.42 ft. Residual: 2.06 ft.
 Historical Maximum Water Level: Feb 5 1998, 3.61 ft.
 Next High Tide: 09/19/2017 20:29 (EDT), 0.46 ft.

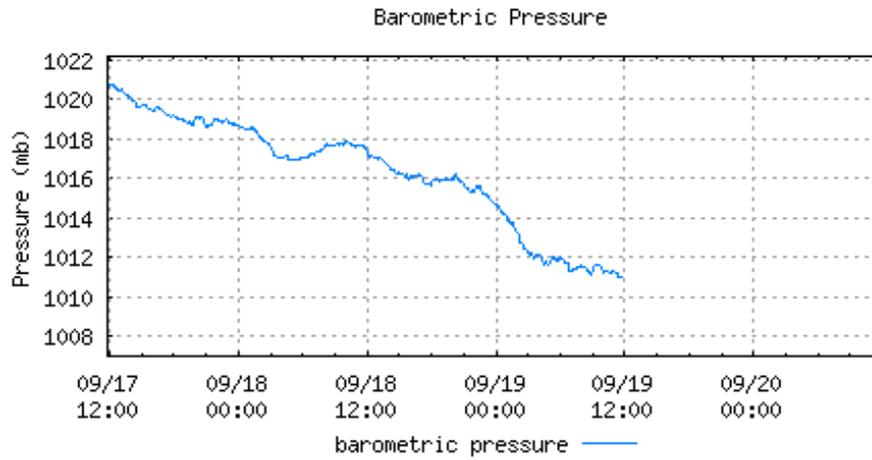
NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD

Wind Speed / Gusts / Direction



Last Observed Sample: 09/19/2017 11:42 (EDT)
Wind Speed: 24 knots Gusts: 37 knots Direction: 29° T

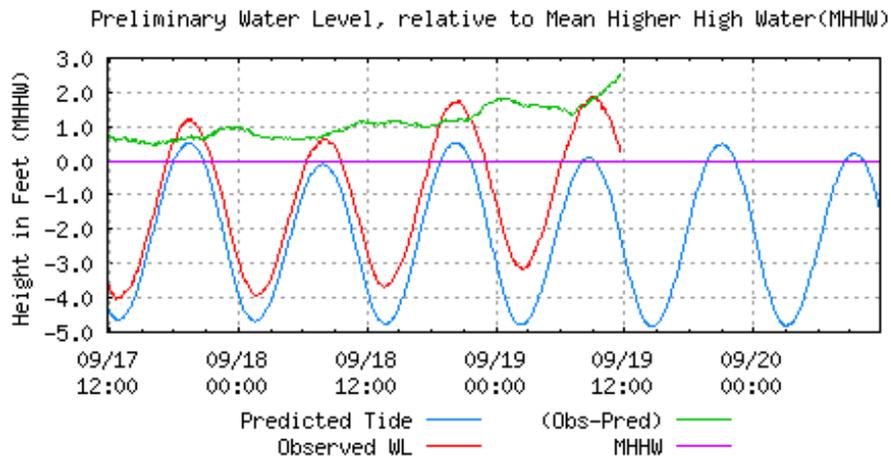
NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD



Last Observed Sample: 09/19/2017 11:42 (EDT)

Barometric Pressure: 1011.0 mb

NOAA/NOS/CO-OPS 8557380 Lewes, DE



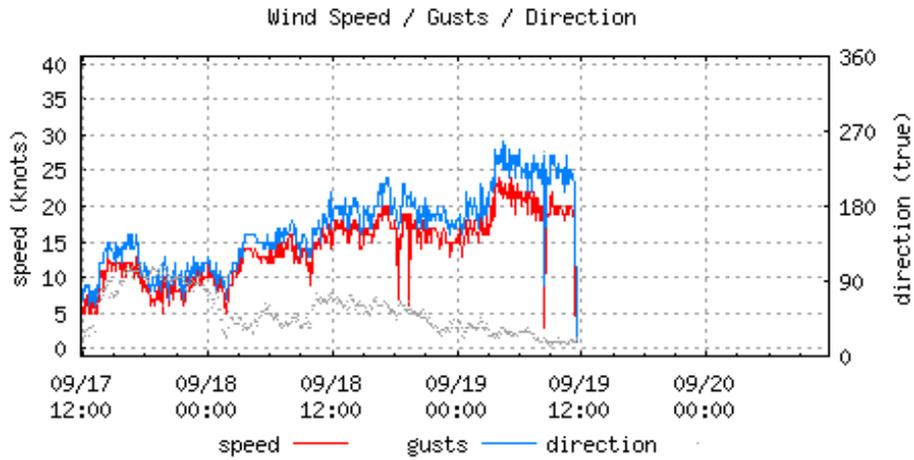
Last Observed Sample: 09/19/2017 11:42 (EDT). Data relative to MHHW

Observed: 0.15 ft. Predicted: -2.37 ft. Residual: 2.52 ft.

Historical Maximum Water Level: Jan 23 2016, 4.60 ft.

Next High Tide: 09/19/2017 21:00 (EDT), 0.48 ft.

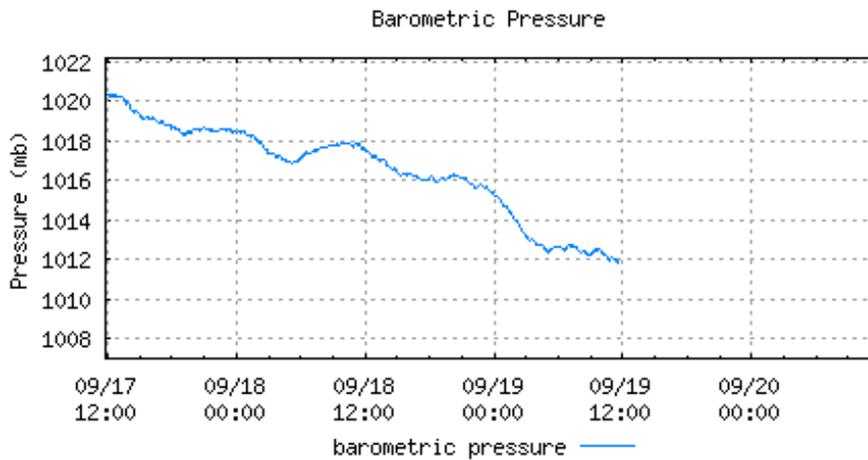
NOAA/NOS/CO-OPS 8557380 Lewes, DE



Last Observed Sample: 09/19/2017 11:42 (EDT)

Wind Speed: 19 knots Gusts: 28 knots Direction: 23° T

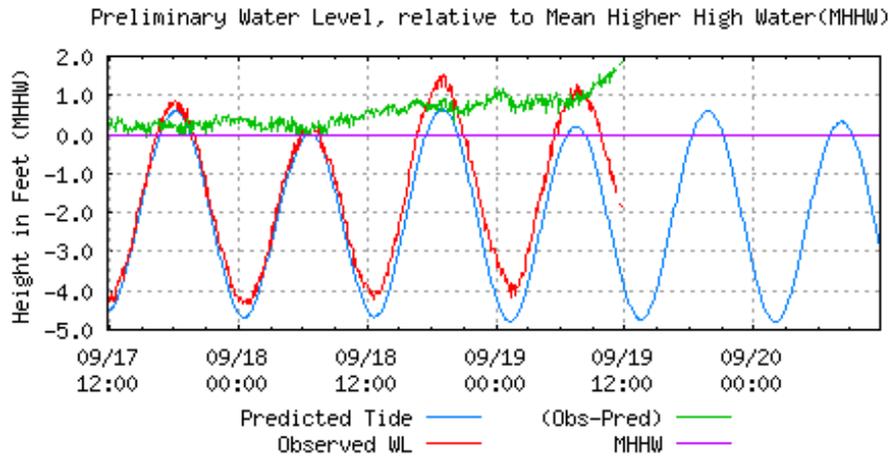
NOAA/NOS/CO-OPS 8557380 Lewes, DE



Last Observed Sample: 09/19/2017 11:42 (EDT)

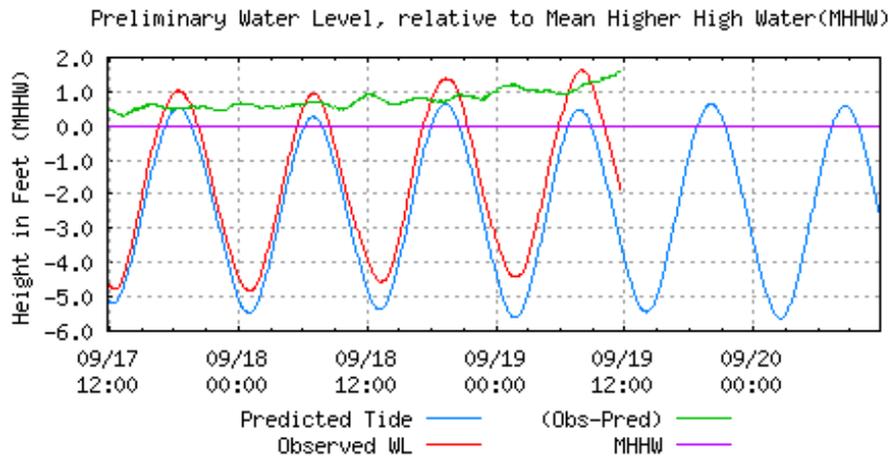
Barometric Pressure: 1011.7 mb

NOAA/NOS/CO-OPS 8534720 Atlantic City, NJ



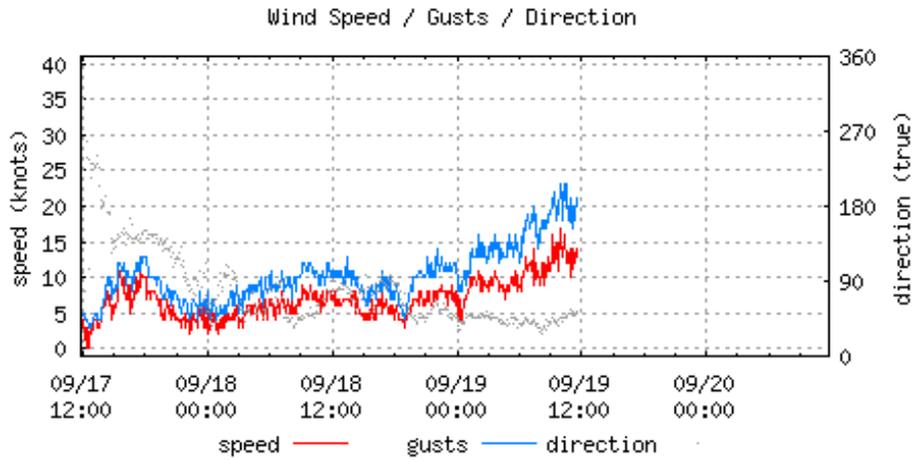
Last Observed Sample: 09/19/2017 11:42 (EDT). Data relative to MHHW
Observed: -1.85 ft. Predicted: -3.67 ft. Residual: 1.82 ft.
 Historical Maximum Water Level: Dec 11 1992, 4.38 ft.
 Next High Tide: 09/19/2017 19:45 (EDT), 0.60 ft.

NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ



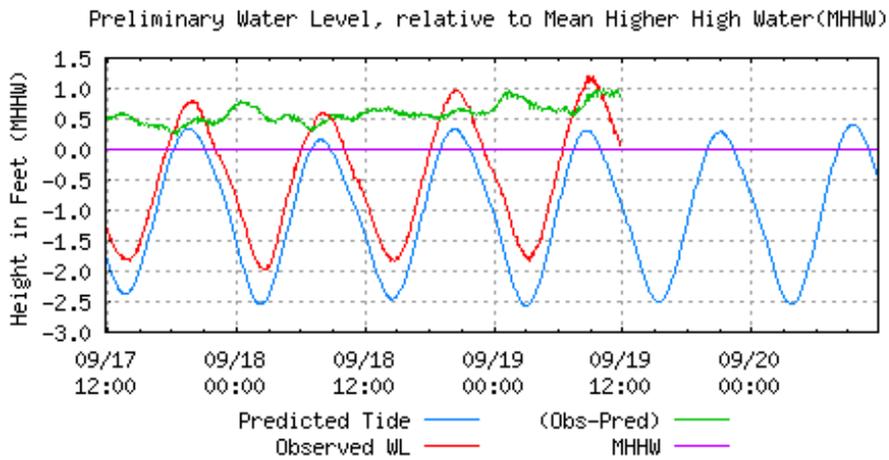
Last Observed Sample: 09/19/2017 11:42 (EDT). Data relative to MHHW
Observed: -1.93 ft. Predicted: -3.57 ft. Residual: 1.64 ft.
 Historical Maximum Water Level: Sep 12 1960, 4.86 ft.
 Next High Tide: 09/19/2017 20:03 (EDT), 0.64 ft.

NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ



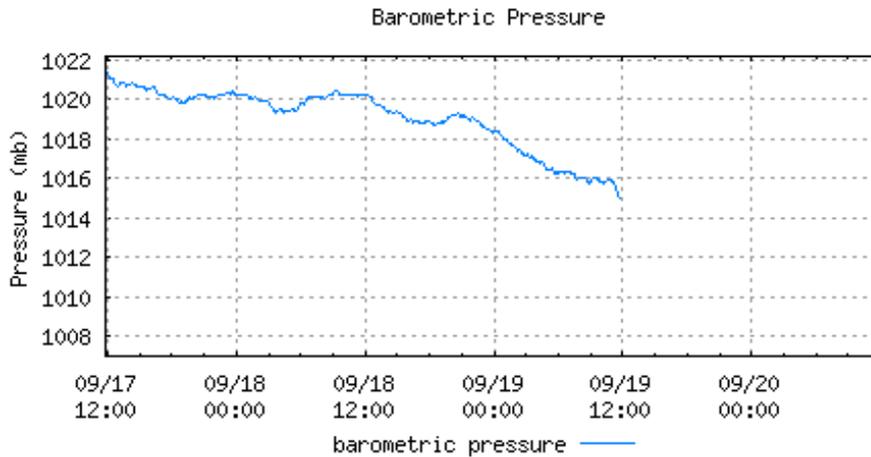
Last Observed Sample: 09/19/2017 11:42 (EDT)
 Wind Speed: 12 knots Gusts: 18 knots Direction: 52° T

NOAA/NOS/CO-OPS 8510560 Montauk, NY



Last Observed Sample: 09/19/2017 11:48 (EDT). Data relative to MHHW
 Observed: 0.05 ft. Predicted: -0.88 ft. Residual: 0.93 ft.
 Historical Maximum Water Level: Aug 31 1954, 5.91 ft.
 Next High Tide: 09/19/2017 21:04 (EDT), 0.28 ft.

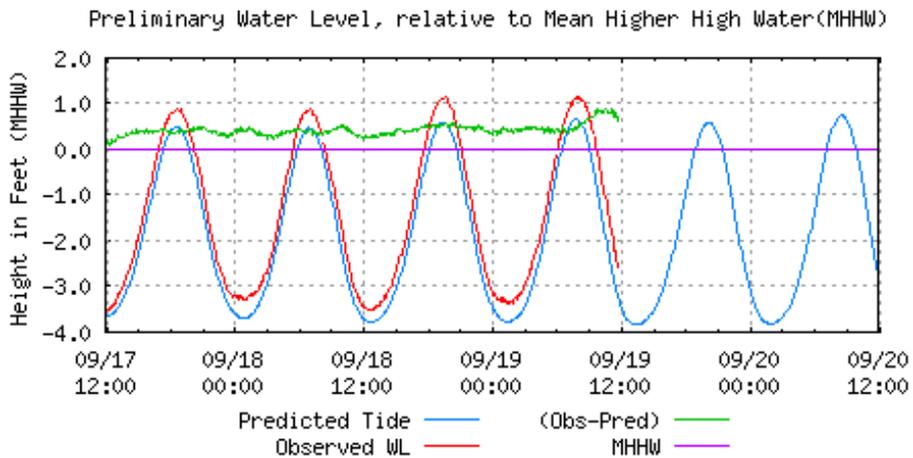
NOAA/NOS/CO-OPS 8510560 Montauk, NY



Last Observed Sample: 09/19/2017 11:48 (EDT)

Barometric Pressure: 1014.8 mb

NOAA/NOS/CO-OPS 8452660 Newport, RI



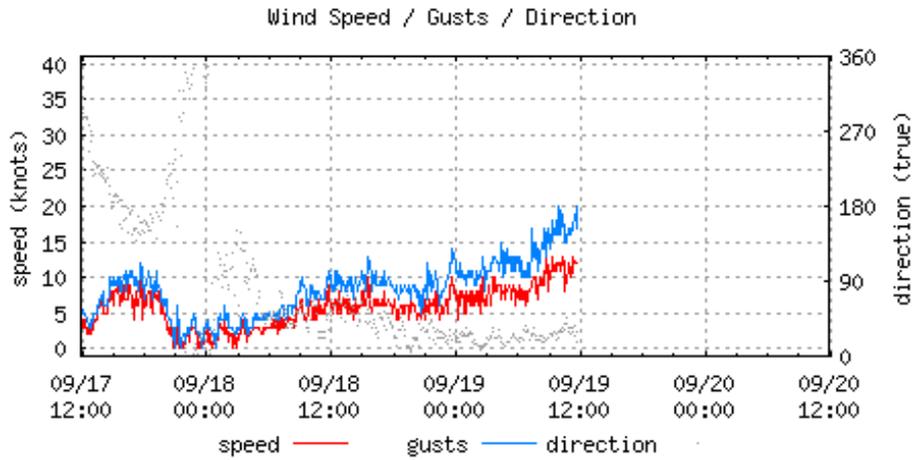
Last Observed Sample: 09/19/2017 11:42 (EDT). Data relative to MHHW

Observed: -2.57 ft. Predicted: -3.26 ft. Residual: 0.69 ft.

Historical Maximum Water Level: Sep 21 1938, 9.46 ft.

Next High Tide: 09/19/2017 20:08 (EDT), 0.59 ft.

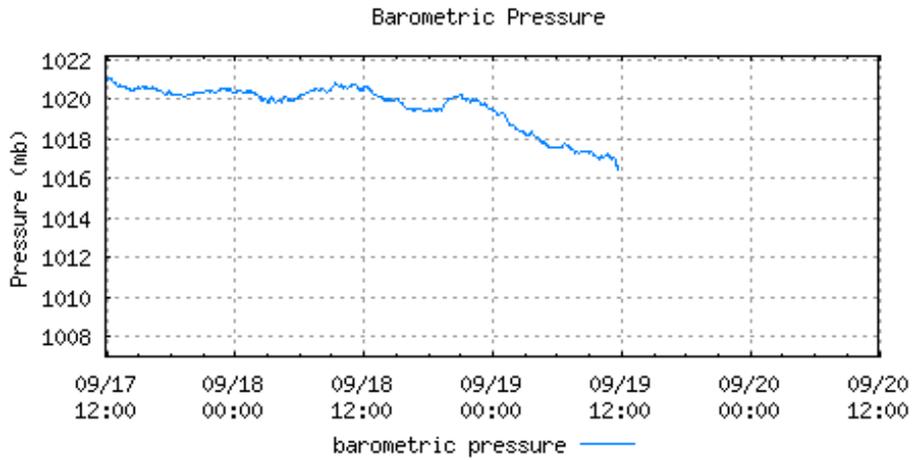
NOAA/NOS/CO-OPS 8452660 Newport, RI



Last Observed Sample: 09/19/2017 11:42 (EDT)

Wind Speed: 12 knots Gusts: 20 knots Direction: 18° T

NOAA/NOS/CO-OPS 8452660 Newport, RI

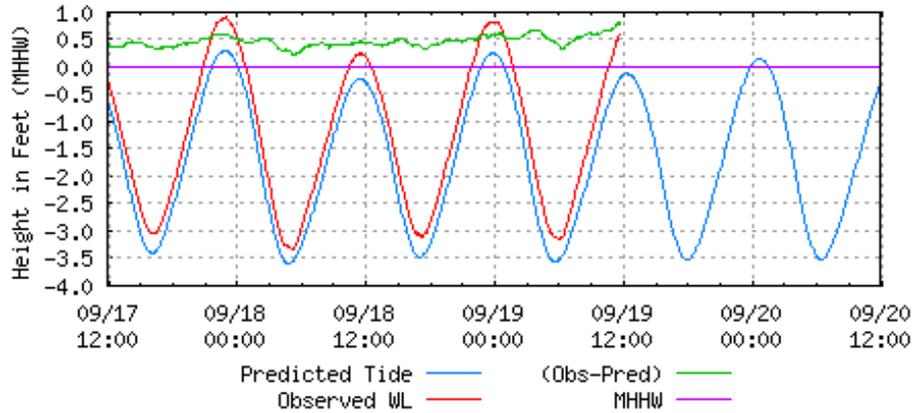


Last Observed Sample: 09/19/2017 11:42 (EDT)

Barometric Pressure: 1016.5 mb

NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA

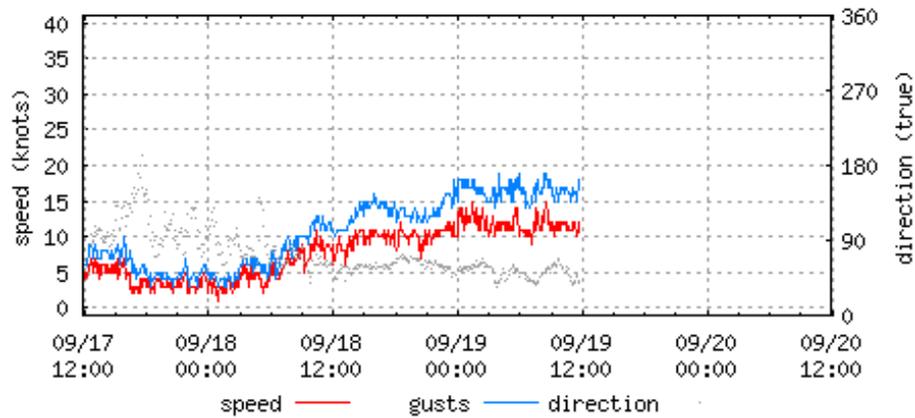
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 09/19/2017 11:42 (EDT). Data relative to MHHW
Observed: 0.60 ft. Predicted: -0.19 ft. Residual: 0.79 ft.
 Historical Maximum Water Level: Oct 30 1991, 4.29 ft.
 Next High Tide: 09/19/2017 12:18 (EDT), -0.12 ft.

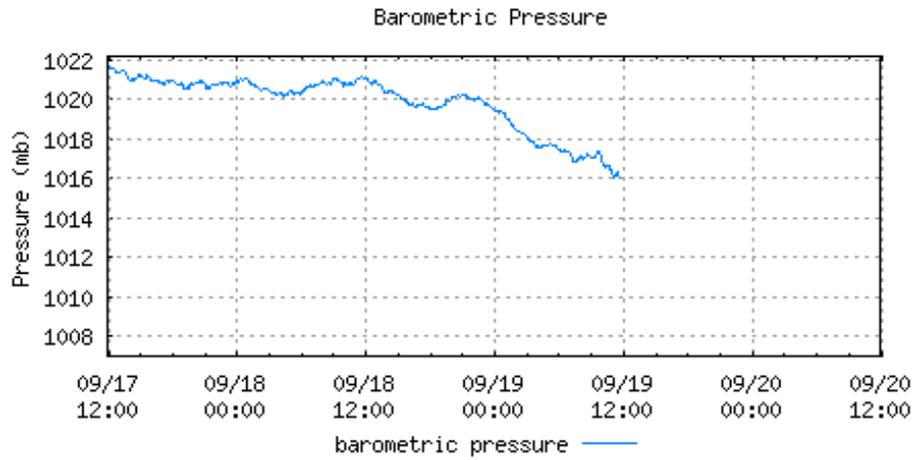
NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA

Wind Speed / Gusts / Direction



Last Observed Sample: 09/19/2017 11:42 (EDT)
Wind Speed: 12 knots Gusts: 18 knots Direction: 40° T

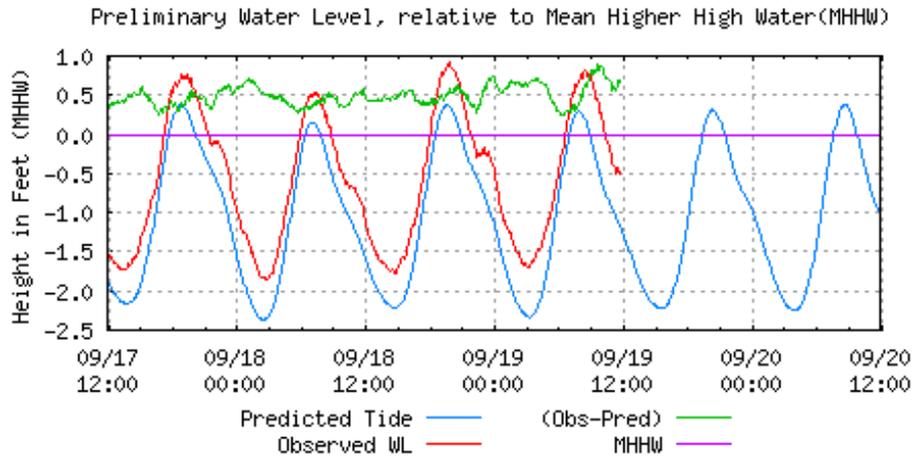
NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA



Last Observed Sample: 09/19/2017 11:42 (EDT)

Barometric Pressure: 1016.0 mb

NOAA/NOS/CO-OPS 8447930 Woods Hole, MA



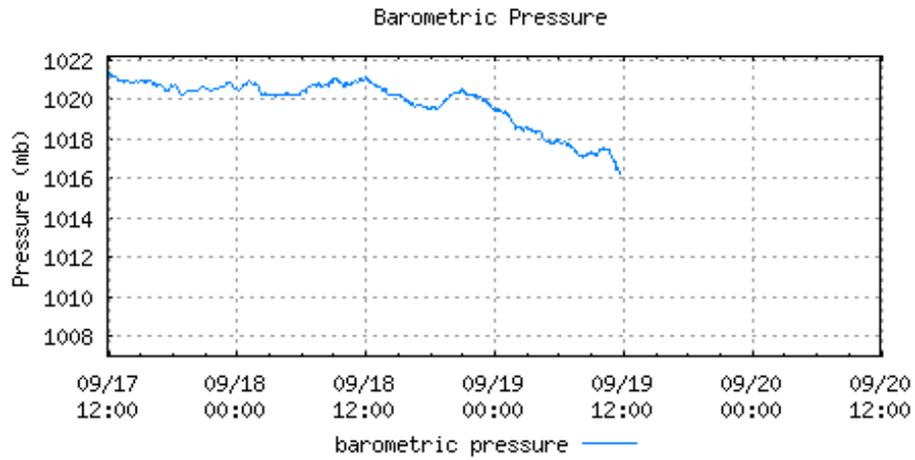
Last Observed Sample: 09/19/2017 11:42 (EDT). Data relative to MHHW

Observed: -0.48 ft. Predicted: -1.18 ft. Residual: 0.70 ft.

Historical Maximum Water Level: Sep 21 1938, 8.58 ft.

Next High Tide: 09/19/2017 20:18 (EDT), 0.31 ft.

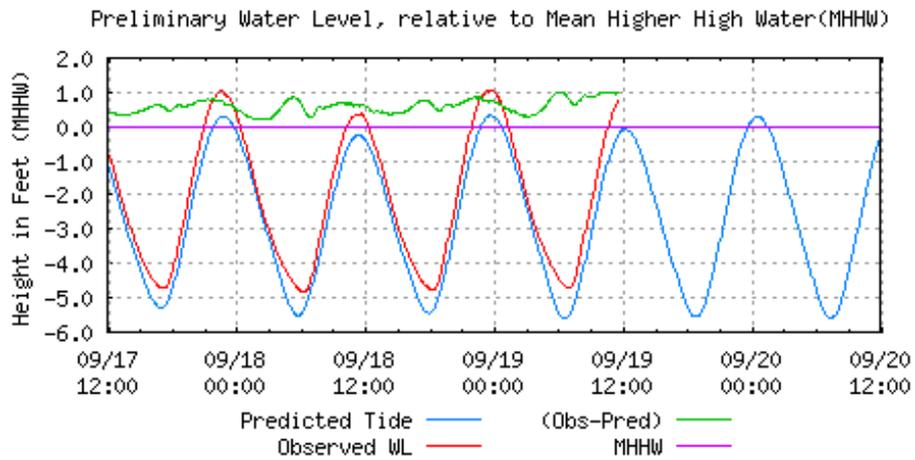
NOAA/NOS/CO-OPS 8447930 Woods Hole, MA



Last Observed Sample: 09/19/2017 11:42 (EDT)

Barometric Pressure: 1016.3 mb

NOAA/NOS/CO-OPS 8447435 Chatham, MA



Last Observed Sample: 09/19/2017 11:30 (EDT). Data relative to MHHW

Observed: 0.74 ft. Predicted: -0.24 ft. Residual: 0.98 ft.

Historical Maximum Water Level: Jan 3 2014, 4.26 ft.

Next High Tide: 09/19/2017 12:08 (EDT), -0.08 ft.

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8654467	USCG Station Hatteras, NC	09/19/2017 11:42 (EDT)	1.77 ft	-0.04 ft	1.81 ft	2.24 ft
8651370	Duck, NC	09/19/2017 11:42 (EDT)	-0.32 ft	-2.86 ft	2.54 ft	2.83 ft
8638863	Chesapeake Bay Bridge Tunnel, VA	09/19/2017 11:48 (EDT)	0.83 ft	-1.58 ft	2.41 ft	2.55 ft
8638610	Sewells Point, VA	09/19/2017 11:42 (EDT)	1.59 ft	-0.79 ft	2.38 ft	2.47 ft
8632200	Kiptopeke, VA	09/19/2017 11:42 (EDT)	0.88 ft	-1.23 ft	2.11 ft	2.30 ft
8631044	Wachapreague, VA	09/19/2017 11:42 (EDT)	0.47 ft	-2.03 ft	2.50 ft	2.45 ft
8570283	Ocean City Inlet, MD	09/19/2017 11:42 (EDT)	0.64 ft	-1.42 ft	2.06 ft	1.67 ft
8557380	Lewes, DE	09/19/2017 11:42 (EDT)	0.15 ft	-2.37 ft	2.52 ft	1.86 ft
8534720	Atlantic City, NJ	09/19/2017 11:42 (EDT)	-1.85 ft	-3.67 ft	1.82 ft	1.52 ft
8531680	Sandy Hook, NJ	09/19/2017 11:42 (EDT)	-1.93 ft	-3.57 ft	1.64 ft	1.63 ft
8510560	Montauk, NY	09/19/2017 11:48 (EDT)	0.05 ft	-0.88 ft	0.93 ft	1.20 ft
8452660	Newport, RI	09/19/2017 11:42 (EDT)	-2.57 ft	-3.26 ft	0.69 ft	1.16 ft
8449130	Nantucket Island, MA	09/19/2017 11:42 (EDT)	0.60 ft	-0.19 ft	0.79 ft	0.83 ft
8447930	Woods Hole, MA	09/19/2017 11:42 (EDT)	-0.48 ft	-1.18 ft	0.70 ft	0.94 ft
8447435	Chatham, MA	09/19/2017 11:30 (EDT)	0.74 ft	-0.24 ft	0.98 ft	1.06 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce